

## Message Text

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TO AMEMBASSY BERN

UNCLAS STATE 177337

E.O. 11652: N/A

TAGS: ENRG

SUBJECT: US COAL REDUCTION AND CONSUMPTION

REF: BERN 2952

1. FEDERAL ENERGY ADMINISTRATION OFFICE OF COAL HAS  
PREPARED THE FOLLOWING INFORMATION ON U.S. COAL CONSUMP-  
TION AND PRODUCTION.

A. CURRENT AND PLANNED BITUMINOUS COAL PRODUCTION.

1975 PRELIMINARY PRODUCTION - 640 MILLION TONS

1976 PRELIMINARY PRODUCTION TO JUNE 12, 1976 -

303 MILLION TONS

AVERAGE DAYS WORKED IN 1976 - 217 DAYS

AVERAGE DAYS WORKED 1971 THRU 1975 - 216 DAYS

PRODUCTION FORECAST 1980 - 1985 AT \$13 OIL IMPORTS

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PRICE.

1980 - 799 MILLION TONS  
1985 - 1,040 MILLION TONS

B. MOST CURRENT DATA ON TOTAL VOLUME AND VALUE OF  
EXPORTS, AND MAJOR EXPORT COUNTRIES FOR BITUMINOUS COAL.

1975 - 66 MILLION SHORT TONS OF WHICH 80 PERCENT  
CONSISTED OF METALLURGICAL COAL EXPORTS.

1975 - AVERAGE VALUE PER TONE -- \$49.23

1975 - MAJOR EXPORT COUNTRIES:

JAPAN - 25 MILLION TONS  
CANADA - 17 MILLION TONS  
ITALY - 5 MILLION TONS  
FRANCE - 4 MILLION TONS

1976 - ESTIMATED EXPORTS 60 MILLION TONS.

C. 1975 ESTIMATED DOMESTIC CONSUMPTION (PERCENT).

UTILITIES 65.1  
METALLURGICAL 13.3  
INDUSTRY 10.3  
RESIDENTIAL/COMMERCIAL 1.1

D. STATUS OF GOVERNMENT AND PRIVATE INDUSTRY RESEARCH  
AND PRACTICAL APPLICATION OF COAL GASIFICATION AND  
LIQUEFACTION.

GASIFICATION AND LIQUEFACTION PROCESSES ARE IN VARIOUS  
STAGES OF DEVELOPMENT IN THE UNITED STATES; HOWEVER,  
PRACTICAL APPLICATION OF THESE PROCESSES ARE NOT TO  
OCCUR UNTIL 1980-85 FOR GASIFICATION, AND 1985-90 FOR  
LIQUEFACTION.

E. PROSPECTS FOR THE U.S. COAL MINING INDUSTRY.

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THE U.S. COAL MINING INDUSTRY IS EXPECTED TO HAVE AN  
ANNUAL GROWTH RATE OF ABOUT 5.1 PERCENT THRU 1985.  
U.S. COAL PRODUCTION IS ESTIMATED TO REACH 1,040 MILLION  
TONS BY THAT YEAR. THIS RATE COULD BE HIGHER IF ELECTRIC  
CONSUMPTION RETURNS TO ITS HISTORIC 7 PERCENT RATE OF  
GROWTH.

F. MEASURES INTRODUCED OR PROPOSED IN THE U.S. FOR

LIMITING OR ELIMINATING EMISSION FROM THERMAL POWER-PLANTS, AND GENERAL CONSIDERATION FOR PROTECTION OF ENVIRONMENT IN THE CONSTRUCTION OF THERMAL PLANTS.

1. NATIONAL ENVIRONMENTAL POLICY ACT (1969).  
THIS ACT PROVIDES BOTH A CONCEPTUAL BASIS AND A  
LEGAL SANCTION FOR ESTABLISHING ENVIRONMENTAL

MANAGEMENT AS A NATIONAL PRIORITY.

2. FEDERAL WATER POLLUTION CONTROL ACT (AS AMENDED  
FROM 1965-1972).

THE ACT ESTABLISHES THE WATER RESOURCES PLANNING  
COUNCIL WHICH HAS BEEN GIVEN THE RESPONSIBILITY  
FOR COORDINATING THE PLANNING FOR WATER AND RELATED  
LAND RESOURCES.

3. CLEAN AIR ACT AMENDMENTS IN 1970 AND PROPOSED  
AMENDMENTS IN 1975.

THE ORIGINAL ACT WAS PASSED IN 1963 AND LATER  
AMENDED IN 1965, 1967, AND 1970. THERE ARE ALSO  
PROPOSED AMENDMENTS IN 1975 AND 1976 INCLUDING THE  
INTERPRETATION OF THE BEST AVAILABLE EMISSIONS  
CONTROL TECHNOLOGY (BACT), AND SIGNIFICANT  
DETERIORATION STANDARDS (PSD). KISSINGER

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